

AMENDMENTS TO THE CLAIMS

Claim 1 (original): An image processing apparatus comprising:
an input device that inputs image signals for a plurality of channels;
a storage device that stores a plurality of kinds of procedures for processing to be performed on the image signals;

an operating element that specifies at least two kinds of procedures among the plurality of kinds of procedures stored in said storage device, and enables the specified procedures and at least one procedure between the specified procedures to be arbitrarily changed and specified; and

a processing device operable when the procedure between the specified procedures is specified using said operating element, to generate the specified procedure by interpolating the specified procedures, and carry out real-time processing on at least one image signal for at least one corresponding channel among the image signals for the plurality of channels input by said input device according to the generated specified procedure.

Claim 2 (currently amended): ~~An~~ The image processing apparatus according to claim 1, further comprising an output device that outputs an image signal, and wherein said processing device outputs the image signal, subjected to the real-time processing, in real time via said output device.

Claim 3 (currently amended): ~~An~~ The image processing apparatus according to claim 1, wherein the procedures each comprise designating size and position of an image to be displayed in accordance with an image signal for a corresponding channel.

Claim 4 (currently amended): ~~An~~ The image processing apparatus according to claim 1, wherein said operating element is capable of sequentially changing and specifying the specified procedures and the procedure between the specified procedures.

Claim 5 (original): An image processing method comprising the steps of:
storing a plurality of kinds of procedures for processing to be performed on image signals;
when an operating element that specifies at least two kinds of procedures among the stored plurality of kinds of procedures, and enables the specified procedures and at least one procedure between the specified procedures to be arbitrarily changed and specified specifies the procedure between the specified procedures, generating the specified procedure by interpolating the specified procedures, and carrying out real-time processing on at least one image signal for at least one corresponding channel among the image signals for the plurality of channels input by an input device according to the generated specified procedure.

Claim 6 (currently amended): ~~A program for causing a computer~~ computer-readable medium encoded with computer-executable instructions to execute an image processing method, ~~the method~~ comprising the steps of:

storing a plurality of kinds of procedures for processing to be performed on image signals;
when an operating element that specifies at least two kinds of procedures among the stored plurality of kinds of procedures, and enables the specified procedures and at least one procedure between the specified procedures to be arbitrarily changed and specified specifies the procedure between the specified procedures, generating the specified procedure by interpolating the specified procedures, and carrying out real-time processing on at least one image signal for at least one corresponding channel among the image signals for the plurality of channels input by an input device according to the generated specified procedure.